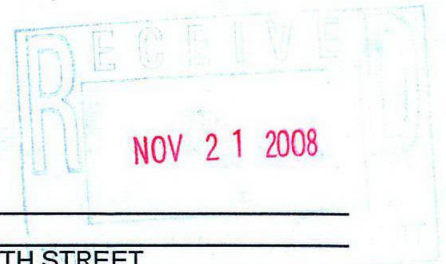


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AN61E

PRETREATMENT MONITORING REPORT

NAME: CITY OF CLIFTON
 MAILING ADDRESS: 900 CLIFTON AVENUE, CLIFTON, NJ 07013
 FACILITY LOCATION: DEPARTMENT OF PUBLIC WORKS YARD - E 7TH STREET
 CATEGORY & SUBPART: OUTLET#: 001
 CONTACT OFFICIAL: JAMES YELLEN, P.E. TELEPHONE: 973-470-5793
 NEW CUSTOMER ID / OUTLET ID: - OLD OUTLET DESIGNATION: -

MONITORING PERIOD

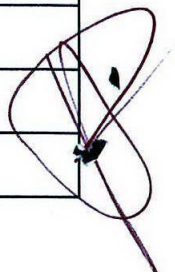
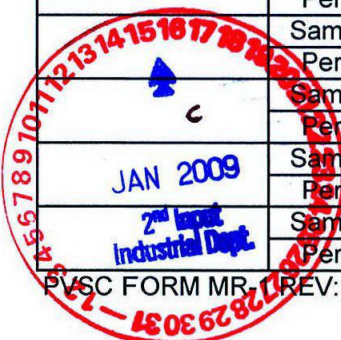
Start			End		
10	1	2008	10	31	2008
MO	DAY	YR	MO	DAY	YR

	Average	Maximum
Regulated Flow-gal/day	-	-
Total Flow-gal/day	824	906
	904	994

Method Used: TOTALIZING TYPE FLOW METER

Average= 28,019 gallons in 31 Working Days 904 gal/day
 Production Rate (if applicable) -

PARAMETER		MASS OR CONCENTRATION			# OF SAMPLES	SAMPLE TYPE
		MON AVG	MAXIMUM	UNITS		
Cadmium	Sample Measurement	0.002	0.002	mg/l	1	COMP
	Permit Requirement	0.19		mg/l		
Copper	Sample Measurement	0.002	0.002	mg/l	1	COMP
	Permit Requirement	3.02		mg/l		
Lead	Sample Measurement	0.005	0.005	mg/l	1	COMP
	Permit Requirement	0.54		mg/l		
Mercury	Sample Measurement	0.0002	0.0002	mg/l	1	COMP
	Permit Requirement	0.08		mg/l		
Nickel	Sample Measurement	0.0048	0.005	mg/l	1	COMP
	Permit Requirement	5.9		mg/l		
Zinc	Sample Measurement	0.0122	0.012	mg/l	1	COMP
	Permit Requirement	1.67		mg/l		
PHC	Sample Measurement	5.000	5.000	mg/l	1	GRAB
	Permit Requirement	100		mg/l		
VOC	Sample Measurement	0.077	0.077	mg/l	1	GRAB
	Permit Requirement	2.13		mg/l		
BOD	Sample Measurement	2.22	2.22	mg/l	1	COMP
	Permit Requirement	0		mg/l		
	Sample Measurement					
	Permit Requirement					
	Sample Measurement					
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	Permit Requirement					



PVSC FORM MR-REV: 4/6/87 P1

NOV 21 2008

PRETREATMENT MONITORING REPORT

Certification of Non-Use if applicable (use additional sheets):

NA

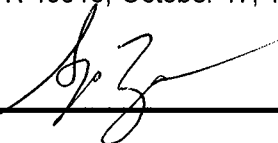
Compliance or non compliance statement with compliance schedule (use additional sheets if necessary) for every parameter used: The city of Clifton is in compliance with PVSC local metals

Explain Method of preserving samples:

VOC's and TPHC were preserved with HCL and chilled to 4° C.Metal samples were preserved with HNO₃ to a pH of <2.0.

I certify under penalty of law that this document and attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

403.6(a)(2)(ii) revised by 53 FR 40610, October 17, 1988



Signature of Principal
Executive or Authorized Agent

Spiros Zois
Hydrogeologist

Type Name and Title

11/18/2008

Date

PVSC FORM MR-1 REV: 5 3/91 P2



Analytical Report



Regarding:

SPIROS ZOIS
LEGGETTE, BRASHEARS, & GRAHAM
6 ARROW ROAD
SUITE 103
RAMSEY, NJ 07446

SPIROS ZOIS
LEGGETTE, BRASHEARS, & GRAHAM
6 ARROW ROAD
SUITE 103
RAMSEY, NJ 07446

Account No: 001225, LEGGETTE, BRASHEARS & GRAHAM RAMSEY NJ
Project No: 001225, LEGGETTE, BRASHEARS & GRAHAM RAMSEY NJ

P.O. No:
PWSID No:

Inv. No: 1022909

Sample Number L2780616-1
Sample Description CLIFTON DPW EFFLUENT GRAB
Received Temp: 36 F Iced (Y/N): Y

Samp. Date/Time/Temp
10/28/08 11:30am NA F

Sampled by
Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
CHLOROMETHANE	EPA 624	ND ug/l	0.620 ug/l	10/31/08 07:16PM EEW
VINYL CHLORIDE	EPA 624	ND ug/l	0.650 ug/l	10/31/08 07:16PM EEW
BROMOMETHANE	EPA 624	ND ug/l	1.14 ug/l	10/31/08 07:16PM EEW
CHLOROETHANE	EPA 624	ND ug/l	1.09 ug/l	10/31/08 07:16PM EEW
TRICHLOROFLUOROMETHANE	EPA 624	ND ug/l	0.980 ug/l	10/31/08 07:16PM EEW
1,1-DICHLOROETHENE	EPA 624	ND ug/l	0.750 ug/l	10/31/08 07:16PM EEW
ACROLEIN	EPA 624	6.94 ug/l	2.11 ug/l	10/31/08 07:16PM EEW
ACRYLONITRILE	EPA 624	ND ug/l	1.80 ug/l	10/31/08 07:16PM EEW
METHYLENE CHLORIDE	EPA 624	ND ug/l	0.690 ug/l	10/31/08 07:16PM EEW
TRANS-1,2-DICHLOROETHENE	EPA 624	ND ug/l	0.450 ug/l	10/31/08 07:16PM EEW
1,1-DICHLOROETHANE	EPA 624	ND ug/l	0.480 ug/l	10/31/08 07:16PM EEW
CARBON TETRACHLORIDE	EPA 624	ND ug/l	0.720 ug/l	10/31/08 07:16PM EEW
CIS-1,2-DICHLOROETHENE	EPA 624	ND ug/l	0.480 ug/l	10/31/08 07:16PM EEW
CHLOROFORM	EPA 624	5.28 ug/l	0.560 ug/l	10/31/08 07:16PM EEW
1,1,1-TRICHLOROETHANE	EPA 624	ND ug/l	0.520 ug/l	10/31/08 07:16PM EEW
BENZENE	EPA 624	13.0 ug/l	0.610 ug/l	10/31/08 07:16PM EEW
1,2-DICHLOROETHANE	EPA 624	ND ug/l	0.490 ug/l	10/31/08 07:16PM EEW
TRICHLOROETHENE	EPA 624	0.940 J ug/l	0.660 ug/l	10/31/08 07:16PM EEW
1,2-DICHLOROPROPANE	EPA 624	ND ug/l	0.520 ug/l	10/31/08 07:16PM EEW
BROMODICHLOROMETHANE	EPA 624	2.95 ug/l	0.520 ug/l	10/31/08 07:16PM EEW
TOLUENE	EPA 624	ND ug/l	0.540 ug/l	10/31/08 07:16PM EEW
TRANS-1,3-DICHLOROPROPENE	EPA 624	ND ug/l	0.510 ug/l	10/31/08 07:16PM EEW
CIS-1,3-DICHLOROPROPENE	EPA 624	ND ug/l	0.450 ug/l	10/31/08 07:16PM EEW
1,1,2-TRICHLOROETHANE	EPA 624	ND ug/l	0.370 ug/l	10/31/08 07:16PM EEW
2-CHLOROETHYL VINYL ETHER	EPA 624	ND ug/l	0.620 ug/l	10/31/08 07:16PM EEW
DIBROMOCHLOROMETHANE	EPA 624	1.77 ug/l	0.460 ug/l	10/31/08 07:16PM EEW
1,2-DIBROMOETHANE	EPA 624	ND ug/l	0.530 ug/l	10/31/08 07:16PM EEW
TETRACHLOROETHENE	EPA 624	ND ug/l	0.540 ug/l	10/31/08 07:16PM EEW
CHLOROBENZENE	EPA 624	24.1 ug/l	0.670 ug/l	10/31/08 07:16PM EEW
ETHYL BENZENE	EPA 624	ND ug/l	0.530 ug/l	10/31/08 07:16PM EEW
M&P XYLENES	EPA 624	ND ug/l	1.09 ug/l	10/31/08 07:16PM EEW

Thomas J. Hines
Thomas J. Hines, President

QC Laboratories

Analytical Report



Account No: 001225, LEGGETTE, BRASHEARS & GRAHAM RAMSEY NJ
 Project No: 001225, LEGGETTE, BRASHEARS & GRAHAM RAMSEY NJ

P.O. No:
 PWSID No:

Inv. No: 1022909

- A result of "ND" indicates the concentration of the analyte tested was either not detected or below the RLs.
 - Definitions: ND=not detected; NEG=negative; POS=positive; COL=colonies; RLS=laboratory reporting limits; L/A=laboratory accident; TNTC=too numerous to count
 - A result marked with "DRY" indicates that the result was calculated and reported on a dry weight basis.
 - All analysis, except field tests are conducted in Southampton, PA unless otherwise identified.
 - The test "pH lab" is analyzed upon receipt at the laboratory, the result will not be suitable for regulatory purposes.
 - Actual times of analysis for parameters reported <24 hrs are available upon request. All testing is completed within the required holding time unless otherwise noted..
 - QC NELAP ID's: PA 09-00131, NJ PA166, FL E87954, NY 11223, CT PH-0768, DE PA-018, KY 90228, MD 206, EPA PA00018. Bioassay: PA 09-03574, NJ PA034, FL E87953, KS E10373, SC 89020001.
 - QC STATE ID's: Wind Gap, NJ PA001, PA 48-01334; E RUTHERFORD NJ02015; Vineland NJ06005; Reading PA 06-03543.
 - All samples are collected as "grab" samples unless otherwise identified.
 - MCL= is the EPA recommended "maximum contaminant level" for a parameter. PLS=customer specific permit limits.
 Regulatory authorities are assessing substantial fines for testing omissions. Please track your sample collections and results on a weekly, monthly, or quarterly basis to ensure compliance. QC's internet program 'LIVE ACCESS' will provide you with real-time access to collection dates and results. Please contact Customer Service for further information on acquiring LIVE ACCESS.

Thomas J. Hines
 Thomas J. Hines, President

QC Laboratories

Analytical Report



Account No: 001225, LEGGETTE, BRASHEARS & GRAHAM RAMSEY NJ
 Project No: 001225, LEGGETTE, BRASHEARS & GRAHAM RAMSEY NJ

P.O. No:
 PWSID No:

Inv. No: 1022909

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2780616-1	CLIFTON DPW EFFLUENT GRAB	10/28/08 11:30am NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
0-XYLENE	EPA 624	ND ug/l	0.520 ug/l	10/31/08 07:16PM EEW
BROMOFORM	EPA 624	ND ug/l	0.450 ug/l	10/31/08 07:16PM EEW
1,1,2,2-TETRACHLOROETHANE	EPA 624	ND ug/l	0.610 ug/l	10/31/08 07:16PM EEW
1,3-DICHLOROBENZENE	EPA 624	ND ug/l	0.480 ug/l	10/31/08 07:16PM EEW
1,4-DICHLOROBENZENE	EPA 624	2.37 ug/l	0.590 ug/l	10/31/08 07:16PM EEW
1,2-DICHLOROBENZENE	EPA 624	0.650 J ug/l	0.550 ug/l	10/31/08 07:16PM EEW
HEXANE EXTR.-SGT (NON POLAR 0+6)	1664ASGT@PHC	ND mg/l	5.00 mg/l	11/05/08 03:20PM JAZ

Sample Number	Sample Description	Samp. Date/Time/Temp	Sampled by
L2780616-2	DPW EFFLUENT COMPOSITE Received Temp: 36 F Iced (Y/N): Y	10/28/08 11:30am NA F	Customer Sampled

Parameter	Method	Result	RLs	Test Date, Time, Analyst
CADMIUM	EPA 200.8	ND mg/l	0.00200 mg/l	11/05/08 11:28AM GJH
COPPER	EPA 200.8	ND mg/l	0.00200 mg/l	11/05/08 11:28AM GJH
NICKEL	EPA 200.8	0.00480 mg/l	0.00200 mg/l	11/05/08 11:28AM GJH
LEAD	EPA 200.8	ND mg/l	0.00200 mg/l	11/05/08 11:28AM GJH
ZINC	EPA 200.8	0.0122 mg/l	0.00500 mg/l	11/05/08 11:28AM GJH
MERCURY	EPA 245.1	ND mg/l	0.000200 mg/l	11/06/08 07:21PM CMC
BIOCHEMICAL OXYGEN DEMAND	SM 5210B	ND mg/l	2.22 mg/l	10/29/08 09:13PM GAP

L2780616-1:
 1. @1664 SGT/PHC=non-polar materials of petroleum origin >C12.

L2780616-1:
 1. QUALIFIERS:"B" is when the compound is found in the blank as well as in the sample;"J" indicates a value that is > than the MDL but < than the lowest standard, it is also used to indicate that a compound is tentatively identified in a library search;
 "E"(estimated) is when a compound exceeded the calibration range;"N" presumptive evidence of a compound; "D" is when a dilution was required.

L2780616-1:
 1. The method 624 vials tested positive for residual chlorine.

L2780616-2:
 1. For the BOD 5 test, the initial batch control sample was outside the acceptable range, high. Additional GGA samples analyzed on the same day were acceptable. This indicates an acceptable seed source and nutrient water.

Thomas J. Hines
 Thomas J. Hines, President

FINAL REPORT

QC Laboratories 1205 Industrial Blvd. Southampton, PA 18966-0514 Phone: 215-355-3900 Fax: 215-355-7231			CHAIN OF CUSTODY Page _____ of _____ Bill to/Report to: (if different) Sampling Site Address: (if different) P.O. No. QC Contact			Lab LIMS No: <u>L2780616</u> MATRIX CODES DW: DRINKING WATER GW: GROUND WATER WW: WASTEWATER SO: SOIL SL: SLUDGE OIL: OIL SOL: NON SOIL SOLID MI: MISCELLANEOUS X: OTHER Field pH, Temp (C or F), DO, Cl ₂ S, Cond. etc.		
Client/Acct. No. <u>Leggett Brashers & Co. Inc.</u> Address <u>6 Arrow Rd.</u> <u>Suite 103</u> City/State/Zip <u>Ramsey, NJ 07446</u> Phone/Fax <u>201-818-0700</u> Client Contact <u>Spinos Zeis</u>			PROJECT FIELD ID DPW Effluent DPW Effluent			ANALYSIS REQUESTED EPA 624, SGT BOD, Cd, Co, Hg, Ni, Pb, Zn DELIVERED TO OFFICE BY CUSTOMER		
Verbal/fax data due: _____ Hardcopy due: _____ Please call for pricing and availability on rush (<14-21 day) turnaround and on all but standard format.			Report Format: <input type="checkbox"/> Standard <input type="checkbox"/> Forms <input type="checkbox"/> Standard + QC <input type="checkbox"/> NJ Reduced <input type="checkbox"/> Disk			Field Parameters Analyzed By: _____ Sig: _____ Date/Time: _____		
SAMPLED BY: (Name/Company) <u>Spinos Zeis / LBG</u>			RELINQUISHED BY: (Name/Company) <u>Spinos Zeis / LBG</u>			DELIVERY METHOD: <input type="checkbox"/> QC COURIER <input type="checkbox"/> CLIENT <input type="checkbox"/> UPS <input type="checkbox"/> FEDEX <input type="checkbox"/> OTHER		
RELINQUISHED BY: <u>Spinos Zeis</u> DATE <u>10/28/08</u> TIME <u>1:30</u>			RECEIVED BY: <u>Spinos Zeis</u> DATE <u>10/28/08</u> TIME <u>1:30</u>			COMMENTS:		
RELINQUISHED BY: <u>Spinos Zeis</u> DATE <u>10/28/08</u> TIME <u>1:30</u>			RECEIVED BY: <u>Spinos Zeis</u> DATE <u>10/28/08</u> TIME <u>1:30</u>			Hazardous: yes / no <u>yes / no</u>		
RELINQUISHED BY: <u>Spinos Zeis</u> DATE <u>10/28/08</u> TIME <u>1:30</u>			RECEIVED BY: <u>Spinos Zeis</u> DATE <u>10/28/08</u> TIME <u>1:30</u>			Custody Seal Number		
RELINQUISHED BY: <u>Spinos Zeis</u> DATE <u>10/28/08</u> TIME <u>1:30</u>			RECEIVED BY: <u>Spinos Zeis</u> DATE <u>10/28/08</u> TIME <u>1:30</u>			For example to aid completion, see reverse side.		